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PTO/SB/08B (10-96)
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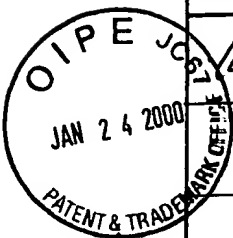
Substitute for form 1449B/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>			Complete if Known	
	Application Number	09/425,118		
	Filing Date	10/22/99		
	First Named Inventor	Roberts		
	Group Art Unit	2662		
	Examiner Name			
	Attorney Docket Number	1257US01		

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KW	AA	STARGUIDE DIGITAL NETWORKS, INC., StarGuide II Digital Multimedia Satellite Receiver, 1996, USA	
	BB	STARGUIDE DIGITAL NETWORKS, INC., StarGuide MX3 Digital Multimedia Multiplexer, 1996, USA	
	CC	STARGUIDE DIGITAL NETWORKS, INC., Musicam MPEG LayerII Digital Audio Decoder Module, 1996, USA	
	DD	STARGUIDE DIGITAL NETWORKS, INC., MPEG 2 Digital Video Decoder Module, 1996, USA	
	EE	STARGUIDE DIGITAL NETWORKS, INC., RS-422, v.35, RS-232C Synchronous Data Clear Channel Interface Module, 1996, USA	
V	FF	STARGUIDE DIGITAL NETWORKS, INC., RS-232 Asynchronous Services Statistical Demux Interface Module 1996, USA	

Examiner Signature	KW	Date Considered	7/25/03
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¹EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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Complete If Known

Application Number	09./425,118
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(use as many sheets as necessary)

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First Named Inventor	Roberts et al
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Group Art Unit	2562
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Examiner Name

Attorney Docket Number	1257US01
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Sheet	1	of	2
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U.S. PATENT DOCUMENTS

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Signature

Date

	Not Considered	Considered
1. The number of people who are affected by the problem.		
2. The severity of the problem.		
3. The likelihood of the problem occurring.		
4. The cost of the problem.		
5. The time it takes to solve the problem.		
6. The complexity of the problem.		
7. The availability of resources to solve the problem.		
8. The potential for future problems.		
9. The impact of the problem on the organization's reputation.		
10. The impact of the problem on the organization's financial performance.		
11. The impact of the problem on the organization's customer satisfaction.		
12. The impact of the problem on the organization's employee morale.		
13. The impact of the problem on the organization's overall success.		

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translations attached.

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(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTORNEY DOCKET NO.
12571US01SERIAL NO.
09/426,118INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)JUN 30 2000
GROUP 2700APPLICANT:
Roberts et al.FILING DATE
October 22, 1999GROUP
ART UNIT:
3662

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>km</i>	A	5,305,440	04/1994	Morgan et al.	395	200	
	B	5,440,336	08/1995	Buhro et al.	348	13	
	C	5,493,339	02/1996	Birch et al.	348	461	
	D	5,534,913	07/1996	Majeti et al.	348	7	
	E	5,608,446	03/1997	Carr et al.	348	6	
	F	5,659,615	08/1997	Dillon	380	21	
	G	5,694,490	12/1997	Howell et al.	382	260	
	H	5,694,546	12/1997	Reisman	395	200.9	
	I	5,727,002	02/1998	Miller et al.	371	032	

TC 3600 MAIL ROOM

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>km</i>	AA	"What is DaX?" Brochure, Copyright 1995, by Virtex Communications, L.L.C. (predecessor to StarGuide Digital Networks, Inc.)
<i>km</i>	BB	"Infinity Boards the Musicam Express," May 8-21, 1995, by Radio Inc.
<i>km</i>	CC	"StarGuide II" Brochure, by Virtual Express Communications, L.L.C., Copyright 1995
EXAMINER	DATE CONSIDERED	
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ku</i>	A	5,781,909	07/1998	Logan et al.	707	200	
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							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ku</i>	AA	"Musicam Express" Brochure, by Virtual Express Communications, L.L.C., Copyright 1995
<i>ku</i>	BB	"Installation and Operation of the DaX," StarGuide Digital Networks, Inc., 4/25/95, pp. 1-16.
	CC	
EXAMINER	<i>ku</i>	DATE CONSIDERED 7/25/03

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ke</i>	A	5,835,726	11/10/98	Shwed et al.	395	200.59	
	B	5,991,596	11/23/99	Cunningham et al.	455	12.1	
	C	5,995,726	11/30/99	Dillon	395	200.61	
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Form PTO-1449 (Rev. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 12571US01	SERIAL NO. 09/425118
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		FILING DATE October 22, 1999	GROUP ART UNIT:

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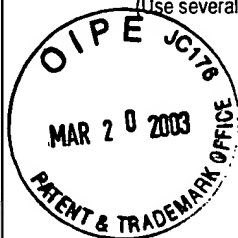
*EXAMINER INITIAL	A	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
K ↓	A	5,557,334	07/1996	Legate			
	B	5,606,668	02/1997	Shwed			

FOREIGN PATENT DOCUMENTS

A	B	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

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09/425,118INFORMATION DISCLOSURE CITATION
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APPLICANT:

Roswell Roberts et al.

FILING DATE

October 22, 1999

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2732

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>K</i>	A1	3,626,295	12-07-71	Sabui			
<i>K</i>	A2	3,898,376	08-05-75	Nabeyama et al.			
<i>K</i>	A3	4,130,730	12-19-78	Ostrowski			
<i>K</i>	A4	4,346,262	08-24-82	Willems et al.			
<i>K</i>	A5	4,494,238	01-15-85	Groth			
<i>K</i>	A6	4,544,950	10-01-85	Tu			
<i>K</i>	A7	4,624,012	11-18-86	Lin et al.			
<i>K</i>	A8	4,641,343	02-03-87	Holland et al.			
<i>K</i>	A9	4,720,873	01-19-88	Goodman et al.			

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>K</i>	B1	AU 744624	10-19-00	Australia				
<i>K</i>	B2	CA 2,199,360	06-26-01	Canada				
<i>K</i>	B3	DE 33 13 841 A1	10-19-80	Germany				
<i>K</i>	B4	DE 34 40 613 C1	04-10-86	Germany				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>K</i>	C1	"Draft AES recommended practice for professional audio – subjective evaluation of loudspeakers," Draft AES20-xxxx, <u>Standards and Information Documents</u>
<i>K</i>	C2	"Asymmetric Internet Access over Satellite-Terrestrial Networks," V. Arora, N. Suphasindhu, J.S. Baras, D. Dillon, <u>Center for Satellite and Hybrid Communication Networks</u>
<i>K</i>	C3	"Precision Telephone Product Tester at bottom left, p. 297, located in Group 2900 library, B. A. Pargh Company, Inc. catalog

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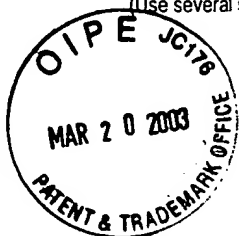
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Kh</i>	A10	4,725,886	02-16-88	Galumbeck et al.			
	A11	4,731,783	03-15-88	Fontanes			
	A12	4,763,321	08-09-88	Calvignac et al.			
	A13	4,821,260	04-11-89	Klank et al.			
	A14	4,831,624	05-16-89	McLaughlin et al.			
	A15	4,907,277	03-06-90	Callens et al.			
	A16	4,916,539	04-10-90	Galumbeck et al.			
	A17	4,972,484	11-20-90	Theile et al.			
	A18	5,111,292	05-05-92	Kuriacose et al.			

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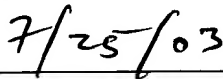
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>Kh</i>	B5	DE 36 38 922 A1	05-26-88	Germany				
	B6	DE 36 45 150 C2	05-26-88	Germany				
	B7	DE 42 37 366 A1	05-11-94	Germany				
	B8	EP 0 139 803	05-08-85	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	C4	"A Systems Approach to Non-Transcoded Audio Delivery, A Step Toward Digital Compatibility," Richard J. Becvar, Annual Proceeding of the National Association of Broadcasting, March 20, 1994.
	C5	"ISO-MPEG-1 Audio: A Generic Standard for Coding of High-Quality Digital Audio," Brandenburg et al., J. Audio Eng. Soc., Vol. 42, No. 10, Oct. 1994, pp. 780-792.
	C6	CDQ1000 Reference Manual, Revision 3.3, May, 1994, <u>CCS Audio Products</u>
EXAMINER		DATE CONSIDERED 
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U.S. PATENT DOCUMENTS

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<i>Ku</i>	A19	5,132,992	07-21-92	Yurt et al.			
<i>Ku</i>	A20	5,144,431	09-01-92	Citta et al.			
<i>Ku</i>	A21	5,151,998	09-29-92	Capps			
<i>Ku</i>	A22	5,161,210	11-03-92	Druyvesteyn et al.			
<i>Ku</i>	A23	5,214,708	05-25-93	McEachern			
<i>Ku</i>	A23	5,239,540	08-24-93	Rovira et al.			
<i>Ku</i>	A25	5,253,275	10-12-93	Yurt et al.			
<i>Ku</i>	A26	5,282,028	01-25-94	Johnson et al.			
<i>Ku</i>	A27	5,282,202	01-25-94	Bernstein et al.			

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FOREIGN PATENT DOCUMENTS

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							YES	NO
<i>Ku</i>	B9	EP 0 174 636	03-19-86	Europe				
<i>Ku</i>	B10	EP 0 271 805	06-22-88	Europe				
<i>Ku</i>	B11	EP 0 343 792 A2	11-29-89	Europe				
<i>Ku</i>	B12	EP 0 372 601 A1	06-13-90	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Ku</i>	C7	CDQ2000 Reference Manual, Rev. 6.92-2, July 27, 1994, <u>CCS Audio Products</u>
<i>Ku</i>	C8	CDQ2001 Reference Manual, Revision 2.2-3, August 1994, <u>Musicam USA</u>
<i>Ku</i>	C9	"SpectraCast DR1000 Integrated Receiver Decoder," Crown Satellite, March, 1998

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DATE CONSIDERED

Ku 7/25/03

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	A28	5,287,351	02-15-94	Wall, Jr. et al.			
	A29	5,301,363	04-15-94	Hinderks			
	A30	5,305,440	04-19-94	Morgan et al.			
	A31	5,319,707	06-07-94	Wasilewski et al.			
	A32	5,325,423	06-28-94	Lewis			
	A33	5,333,155	07-26-94	Dambacher			
	A34	5,341,457	08-23-94	Hall, II et al.			
	A35	5,349,699	09-20-94	Erben et al.			
	A36	5,375,068	12-20-94	Palmer et al.			

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							YES	NO
	B13	EP 0 510 247 A2	08-02-91	Europe				
	B14	EP 0 510 247 A3	08-02-91	Europe				
	B15	JP 5227164	09-03-93	Japan				
	B16	Kokai 1-188043	07-27-89	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	C10	"120/140 Mbit/s Portable HDTV Codec and its Transmission Performance in a Field Trial via INTELSAT Satellite," Shuichi Matsumoto and Hitomi Murakami, 8376 Signal Processing Image Communication, Elsevier Science Publishers, vol. 4, Nos. 4/5, August 1, 1992, pp. 359-377, xp000293754, Amsterdam, NE
	C11	"The Internet Multicast from ITS: How it was Done and Implications for the Future," Luis F. M. de Moraes and Stephen B. Weinstein, IEEE Communications Magazine, January, 1995
	C12	"The Motion Pictures Experts Group Digital Compression Standard and its Role in Satellite Systems," Frank Laczko, Proceedings of 1993 IEEE National Telesystems Conference, June 16-17, 1993, pp. 117-119, xp002163561, Atlanta, GA, USA

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<i>Kr</i>	A37	5,381,412	01-10-95	Otani			
	A38	5,388,182	02-07-95	Benedetto et al.			
	A39	5,389,965	02-14-95	Kuzma A.J.			
	A40	5,392,066	02-21-95	Fisher et al.			
	A41	5,392,353	02-21-95	Morales			
	A42	5,394,561	02-28-95	Freeburg			
	A43	5,396,497	03-07-95	Veltman			
	A44	5,403,639	04-04-95	Belsan et al.			
	A45	5,404,567	04-04-95	DePietro et al.			

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<i>Kr</i>	B17	Kokai 1-309489	12-13-89	Japan				
	B18	Kokai 3-278730	12-10-91	Japan				
	B19	Kokai 4-134995	05-08-92	Japan				
	B20	Kokai 5-103233	04-23-93	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Kr</i>	C13	"MPEG: A Video Compression Standard for Multimedia Applications," Didier Le Gall, <u>Communications of the Association for Computing Machinery</u> , vol. 34, no. 4, April 1, 1991, pp. 46-58, xp000228788, NY, USA
	C14	"Principles of Digital Audio," Ken C. Pohlmann, <u>McGraw-Hill Video/Audio Professional</u> , 4 th edition, pp. 482-483.
	C15	"Infinity Boards the MUSICAM Express," <u>Radio Ink</u> , p. 10, May 8-21, 1995

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ku</i>	A46	5,406,558	04-11-95	Rovira et al.			
	A47	5,414,773	05-09-95	Handelman			
	A48	5,432,907	07-11-95	Picazo, Jr., et al.			
	A49	5,440,336	08-08-95	Buhro et al.			
	A50	5,455,570	10-03-95	Cook et al.			
	A51	5,461,619	10-24-95	Citta et al.			
	A52	5,463,424	10-31-95	Dressler			
	A53	5,479,447	12-26-95	Chow et al.			
	A54	5,490,136	02-06-96	Sereno et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>ku</i>	B21	Kokai 5-290442	11-05-93	Japan				
	B22	Kokai 6-133220	05-13-94	Japan				
	B23	Kokai 6-141005	05-20-94	Japan				
	B24	Kokai 6-276169	09-30-93	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ku</i>	C16	"Digital Audio Dictionary," Howard W. Sams, <u>Prompt Publications</u>
	C17	"Introduction to Data Compression," Khalid Sayood, 1996
	C18	"MCPC VSAT's for Rural Network," M. L. Sharma, <u>Digital Satellite Communications</u> , 1995, 10 th International Conference, pp. 484-490.

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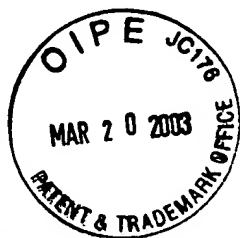
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<i>Ku</i>	A55	5,490,233	02-06-96	Kovacevic			
	A56	5,493,339	02-20-96	Birch et al.			
	A57	5,493,647	02-20-96	Miyasaka et al.			
	A58	5,495,554	02-27-96	Edwards et al.			
	A59	5,508,949	04-16-96	Konstantinides			
	A60	5,515,107	05-07-96	Chiang et al.			
	A61	5,528,725	06-18-96	Hui			
	A62	5,530,655	06-25-96	Lokhoff et al.			
	A63	5,534,913	07-09-96	Majeti et al.			

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<i>Ku</i>	B25	Kokai 63-128829	06-01-88	Japan				
	B26	Kokai 63-240228	10-05-88	Japan				
	B27	Kokai 7-153243	06-16-95	Japan				
	B28	Kokai 7-154347	11-29-93	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Ku</i>	C19	Advertisement from ET/D of May 1978, Model 452, Simpson Electric Co.
	C20	"Digital Video and Audio Compression," Stephen J. Solari
	C21	"AT&T, Starburst Offer Reliable, Satellite-Based Multicasting," StarBurst Communications Press Release, April 2, 1996
EXAMINER	<i>Ku</i>	DATE CONSIDERED <i>7/25/03</i>
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<i>ku</i>	A64	5,535,300	07-09-96	Hall II et al.			
<i>ku</i>	A65	5,550,863	08-27-96	Yurt et al.			
<i>ku</i>	A66	5,557,334	09-17-96	Legate			
<i>ku</i>	A67	5,557,724	09-17-96	Sampat et al.			
<i>ku</i>	A68	5,559,549	09-24-96	Hendricks et al.			
<i>ku</i>	A69	5,566,209	10-15-96	Forssen et al.			
<i>ku</i>	A70	5,581,653	12-03-96	Todd			
<i>ku</i>	A71	5,583,962	12-10-96	Davis et al.			
<i>ku</i>	A72	5,586,121	12-17-96	Moura et al.			

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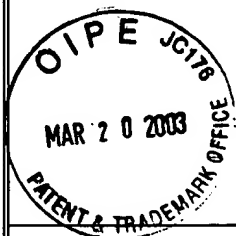
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<i>ku</i>	B29	WO 89/09965	10-19-89	WIPO				
<i>ku</i>	B30	WO 92/10040	06-11-92	WIPO				
<i>ku</i>	B31	WO 92/12599	07-23-92	WIPO				
<i>ku</i>	B32	WO 92/17948	10-15-92	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ku</i>	C22	"Comet PC-to-PC File Transfer Application Software," <u>Starguide Digital Networks, Inc.</u> publication 1996 (2 pages)
<i>ku</i>	C23	"HSS High Speed ISA Bus PC Interface Board," <u>Starguide Digital Networks, Inc.</u> publication 1996 (2 pages)
<i>ku</i>	C24	"MPEG 2 Digital Video Decoder Module," <u>Starguide Digital Networks, Inc.</u> publication 1996 (2 pages)
EXAMINER	<i>ku</i>	DATE CONSIDERED
		2/25/03
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<i>Ku</i>	A73	5,588,024	12-24-96	Takano			
<i>I</i>	A74	5,590,108	12-31-96	Mitsuno et al.			
	A75	5,594,490	01-14-97	Dawson et al.			
	A76	5,606,668	02-25-97	Shwed			
	A77	5,608,446	03-04-97	Carr et al.			
	A78	5,633,981	05-27-97	Davis			
	A79	5,659,615	08-19-97	Dillon			
	A80	5,659,877	08-19-97	Enomoto et al.			
<i>U</i>	A81	5,675,575	10-07-97	Wall, Jr. et al.			

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<i>Ku</i>	B33	WO 93/02412	02-04-93	WIPO				
<i>I</i>	B34	WO 93/09631	05-13-93	WIPO				
	B35	WO 95/23493	08-31-95	WIPO				
<i>U</i>	B36	WO 96/08095	03-14-96	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Ku</i>	C25	*MUSICAM MPEG Layer II Digital Audio Decoder Module," <u>Starguide Ditigal Networks, Inc.</u> publication 1996 (2 pages)
<i>I</i>	C26	*RS-422, V.35, RS-232C Clear Channel Synchronous Data Interface Module," <u>Starguide Ditigal Networks, Inc.</u> publication 1996 (2 pages)
<i>U</i>	C27	*Specification for Satellite Data Broadcasting System Software v. 1.0," <u>Starguide Ditigal Networks, Inc.</u> publication 10/31/95 (7 pages)
EXAMINER <i>Ku</i>		DATE CONSIDERED <i>7/25/03</i>
*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

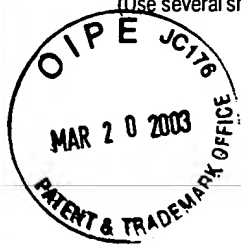
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K ↓	A82	5,694,334	12-02-97	Donahue et al.			
	A83	5,694,490	12-02-97	Howell et al.			
	A84	5,694,546	12-02-97	Reisman			
	A85	5,699,411	12-16-97	Becker et al.			
	A86	5,706,335	01-06-98	Hinderks			
	A87	5,727,002	03-10-98	Miller et al.			
	A88	5,732,078	03-24-98	Arango			
	A89	5,732,216	03-24-98	Logan et al.			
	A90	5,737,739	04-07-98	Shirley et al.			

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K ↓	B37	WO 96/32710	10-17-96	WIPO				
	B38	WO 96/32805	10-17-96	WIPO				
	B39	WO 97/07606	02-27-97	WIPO				
	B40	WO 97/09801	03-13-97	WIPO				

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K ↓	C28	"Starguide II Digital Multimedia Satellite Receiver," Starguide Digital Networks, Inc. publication (2 pages)
	C29	"Starguide MX3 Digital Multimedia Multiplexer," Starguide Digital Networks, Inc. publication (2 pages)
	C30	"Starguide MX3 Digital Multimedia Satellite Hub," Starguide Digital Networks, Inc. publication (2 pages)
	C31	"Virtual Bandwidth Network Management System (VBNMS) Software," Starguide Digital Networks, Inc. publication (2 pages)
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Ker	A91	5,751,356	05-12-98	Suzuki et al.			
	A92	5,778,187	07-07-98	Monteiro et al.			
	A93	5,778,372	07-07-98	Cordell et al.			
	A94	5,781,909	02-14-98	Logan et al.			
	A95	5,809,145	09-15-98	Slik et al.			
	A96	5,818,441	10-06-98	Throckmorton et al.			
	A97	5,818,845	10-06-98	Moura et al.			
	A98	5,828,655	10-27-98	Moura et al.			
	A99	5,828,839	10-27-98	Moncreiff			

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Ker	B41	WO 97/48051	12-18-97	WIPO				
	B42	WO 98/15887	04-16-98	WIPO				
	B43	WO 98/20724 A2	05-22-98	WIPO				
	B44	WO 00/25482	05-04-00	WIPO				

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Ker	C32	"Virtual Bandwidth Network Management System, Users Guide," <u>Starguide Digital Networks, Inc.</u> publication 1996, pp. 1-83
	C33	"Installation and Operation of the DaX," <u>Starguide Digital Networks, Inc.</u> publication 04/25/95, pp. 1-16
	C34	"StarGuide II Satellite Receiver User's Manual," <u>Starguide Digital Networks, Inc.</u> publication, Rev. B 6/96, pp. 1-56
	C35	"RS-232 Asynchronous Services Statistical Demux Interface Module," <u>Starguide Digital Networks, Inc.</u> publication 1996
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ku</i>	A100	5,835,726	11-10-98	Shwed et al.			
<i> </i>	A101	5,838,906	11-17-98	Doyle et al.			
	A102	5,841,979	11-24-98	Schulhof et al.			
	A103	5,848,386	12-08-98	Motoyama			
	A104	5,852,721	12-22-98	Dillon et al.			
	A105	5,862,325	01-19-99	Reed et al.			
	A106	5,881,131	03-09-99	Farris et al.			
	A107	5,893,091	04-06-99	Hunt et al.			
<i>↓</i>	A108	5,894,554	04-13-99	Lowery et al.			

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<i>ku</i>	B45	WO 02/069073 A2	09-06-02	WIPO				
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<i>3</i>	B							
<i>↓</i>	B							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ku</i>	C39	Conway Phone-a-lyzer II, p. 96, <u>Telephony's Buyer's Guide 1990/91</u>
<i> </i>	C37	"Telos Zephyr Digital Network Audio Transceiver User's Manual," (selected portions), Manual Version: Non-ISDN 1.0, April 94
<i>↓</i>	C38	Clearlink IP Router Data Sheet, Tridom, released 1/26/97 printed from web page 02/05/03
	C39	"VSAT Network Components," Tridom, released 1/26/97 printed from web page 02/05/03

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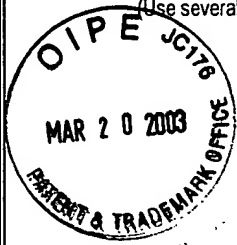
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<i>lu</i>	A109	5,987,480	11-16-99	Donohue et al.			
	A110	5,991,292	11-23-99	Focsaneanu			
	A111	5,991,306	11-23-99	Burns et al.			
	A112	5,991,596	11-23-99	Cunningham et al.			
	A113	5,995,726	11-30-99	Dillon			
	A114	6,002,720	12-14-99	Yurt et al.			
	A115	6,006,173	12-21-99	Wiese et al.			
	A116	6,018,764	01-25-00	Field et al.			
	A117	6,021,307	02-01-00	Chan			

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<i>lu</i>	C40	Clearlink System 100 Data Sheet, Tridom, released 1/26/97 printed from web page 02/05/03
	C41	"Bandwidth On Demand Satellite Network Table Definitions," StarGuide Digital, version 2.0, August 29, 1996, pp. 1-8, <u>Virtex Communications, LLC</u>
	C42	"StarGuide Multiplexer User's Manual," Version 6.01, October 5, 1996, pp. 1-26, <u>Virtex Communications, LLC</u>
	C43	"Symphony Integrated Satellite Receiver Software High Level Design," Version 1.0, April 28, 1995, pp. 1-24, <u>Virtex Communications, LLC</u>
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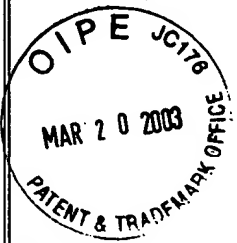
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<i>ku</i>	A118	6,023,345	02-08-00	Bloomfield			
	A119	6,034,689	03-07-00	White et al.			
	A120	6,038,594	03-14-00	Puente et al.			
	A121	6,041,295	03-21-00	Hinderks			
	A122	6,041,359	03-21-00	Birdwell			
	A123	6,049,551	04-11-00	Hinderks et al.			
	A124	6,055,244	04-25-00	Wall, Jr. et al.			
	A125	6,078,961	06-20-00	Mourad et al.			
	A126	6,085,235	07-04-00	Clarke, Jr. et al.			

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	B							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>ku</i>	C44	"Symphony Integrated Satellite Receiver Product Specification," Version 1.1, May 5, 1995, pp. 1-11, <u>Virtex Communications, LLC</u>
	C45	StarGuide II Tracking brochure, 1995, <u>Virtex Communications, L.L.C.</u>
	C46	"MUSICAM EXPRESS Brochure, 1995, Virtual Express Communications, L.L.C.

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<i>lh</i>	A127	6,094,427	07-25-00	Yi			
	A128	6,094,671	07-25-00	Chase et al.			
	A129	6,101,180	08-08-00	Donahue et al.			
	A130	6,115,750	09-05-00	Dillon et al.			
	A131	6,128,374	10-03-00	Hinderks			
	A132	6,144,702	11-07-00	Yurt et al.			
	A133	6,160,797	12-12-00	Robert III et al.			
	A134	6,188,689	02-13-02	Katsube et al.			
	A135	6,205,473	03-20-01	Thomasson et al.			

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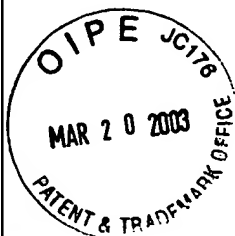
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	B							
	B							

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<i>lh</i>	C47	"Compression in Video and Audio," John Watkinson, 1995
	C48	Webpage printouts, IDR V1000 Specification, WavePhore Networks, 12/10/97
	C49	"WavePhore and SkyCache to Renovate Internet Backbone," webpage printout, WavePhore Networks, 03/11/98
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	A138	6,212,201	04-03-01	Hinderks et al.			
	A137	6,310,893	10-30-01	Yuan et al.			
	A138	6,351,727	02-26-02	Wiese et al.			
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	A141	6,373,927	04-16-02	Hinderks			
	A142	6,411,607	06-25-02	Robert III et al.			
	A143	6,411,616	06-25-02	Donahue et al.			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B							
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	C50	"Digital Video: The iPump," <u>Wegener Communications</u> , web page printed 02/05/03
	C51	"Digital Video: The UNITY 5000," <u>Wegener Communications</u> , web page printed 02/05/03
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*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

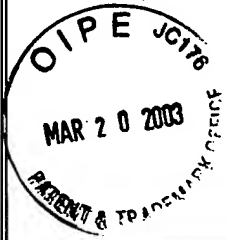
Form PTO-1449
(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

12571US01

SERIAL NO.

09/425,118

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

APPLICANT:

Roswell Roberts et al.

FILING DATE

October 22, 1999

GROUP ART UNIT:

2732

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ku</i>	A145	Des. 264,691	06-01-82	Volkland et al.			
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	A148	Des. 281,974	12-31-85	Suzuki et al.			
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	A151	Des. 349,503	08-09-94	Roy			
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							YES	NO
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<i>ku</i>	C53	*Digital Video: The UNITY 401,* Wegener Communications, 1999, web page printed 02/14/03
	C54	*Modeling and Performance Analysis of File Transfer in a Satellite Wide Area Network,* Oliver W. W. Yang et al., <u>IEEE Journal on Selected Areas in Communications</u> , vol. 10, No. 2, February, 1992
<i>✓</i>	C55	*Psychoacoustics Facts and Models,* E. Zwicker and H. Fastl, 1990

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<i>h</i>	A154	Re. 32,124	04-22-86	Atal			
<i>h</i>	A155	2001/0000457	04-26-01	Hinderks et al.			
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<i>h</i>	A158	2002/0105955	08-08-02	Roberts, III et al.			
<i>h</i>	A159	2002/0177914	11-28-02	Chase			
<i>h</i>	A160	2002/0194364	12-19-02	Chase et al.			
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<i>h</i>	C56	"What is DaX?," Virtex Communications, L.L.C., 1994
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EXAMINER <i>h</i> DATE CONSIDERED 7/25/03		
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<u>U.S. Patent No.</u>	<u>Date</u>	<u>Name</u>
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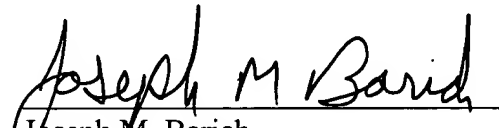
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The above-identified reference(s) are listed on the attached Form PTO-1449 and copies are also enclosed herewith. This submission is in no way intended as an admission that the above-cited references constitute prior art. Applicant expressly retains the right to take any actions necessary to remove the above-cited references from the available prior art. Consideration of the above-identified references in the examination of the present patent application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Account No. 13-0017.

Respectfully submitted,


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